

As below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, SYSTEM, METHOD AND DATA STRUCTURE FOR SIMULATED INTERACTION WITH GRAPHICAL OBJECTS, the specification of which,

(check one)	1.	is attached hereto.			
	2.		lication Serial No	00 o. <u>09/675,811</u>	as
	3.			tion Serial No.	
I hereby state that amended by any am			the contents of t	ne above-identified spec	cification, including the claims, a
I acknowledge the 37, CFR §1.56.	duty to disclose	information which	n is material to th	e examination of this ap	pplication in accordance with Title
	e listed below a	nd have also identi	fied below any fo		oreign application(s) for patent of tent or inventors' certificate having
Prior Foreign App	olication(s)				Priority Benefits Claimed?
8 11					Yes No
(Appl. No.)		(Country)	(Date Fil	ed- Day/Month/Year)	
I hereby claim the b	penefit under 35	U.S.C. §119(e) of	any United States	provisional application	(s) listed below:
60/157,272		October	· 1, 1999		
(Application Serial	No.)	(Filing D			
as the subject matte provided by the firs	er of each of the st paragraph of 7 , Code of Federa	claims of this appl Title 35, United Sta al Regulations, § 1	lications is not disates Code, § 112, .56 which occurr	sclosed in the prior Unite I acknowledge the duty	lication(s) listed below and, insofa ed States application in the manne to disclose material information a ate of the prior application and the
Prior U.S. Applica	ation(s)				
(Application Serial	No.)	(Filing D	rate)	(Status - patented, pend	ing, abandoned)
(Application Serial	No.)	(Filing D	ate)	(Status - patented, pend	ing, abandoned)

And I hereby appoint James R. Riegel (Reg. No. 36,651) and Guy V. Tucker (Reg. No. 45,302) as my principal attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

Guy Tucker

IMMERSION CORPORATION

801 Fox Lane

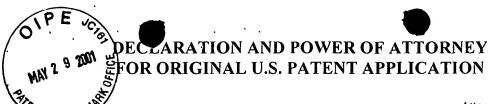
San Jose, California 95131

Direct Telephone Calls To:

Guy Tucker at telephone number (408) 467-1900

Typewritten Full Name of			
Sole or First Inventor:	Ronald Carmel	Citizenship:	United States of America
Inventor's signature:	·	Date of Signatu	re:
Residence: (City)	San Francisco	(State/Country)	California
Post Office Address:	723 Haight St.; Apt. 3; San Franc	cisco, CA 94117	
Typewritten Full Name of	H I C Durbains	O'M's an about	Canada
Second Inventor:	Hugo J.C. DesRosiers	Citizensnip:	<u>Canada</u>
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Berkeley	(State/Country)	California
Post Office Address:	3100 College Ave.; Apt. 7; Berkeley, CA	94705	
Typewritten Full Name of			
Third Inventor:	Daniel Gomez	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Fremont	(State/Country)	California
Post Office Address:	32860 Falcon Dr.; Fremont, CA 94555		
Typewritten Full Name of			
	James F. Kramer	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Redwood City	(State/Country)	California
Post Office Address:	141 Wellesly Crescent Circle: Apt 305: Re	edwood City, CA 94	4062

Typewritten Full Name of Fifth Inventor:	Jerry Tian	Citizenship:	China
rinn inventor:	Jerry Han	Citizensinp.	Cilila
Inventor's signature:		Date of Signature:	
Residence: (City)	Sunnyvale	(State/Country)	California
Post Office Address:	240 Florence St.; #B; Sunnyvale, CA 9408	87	
Typewritten Full Name of Sixth Inventor:	Marc Tremblay	Citizenship:	Canada
Inventor's signature:		Date of Signature:	
Residence: (City)	Cambridge	(State/Country)	Massachusettes
Post Office Address:	68 Prospect St.; Cambridge, MA 02139		
Typewritten Full Name of Seventh Inventor:	Christopher J. Ullrich	Citizenship:	Canada
Inventor's signature:		Date of Signature:	
Residence: (City)	San Francisco	(State/Country)	California
Post Office Address:	2059 Market St.; #24; San Francisco, CA	94114	

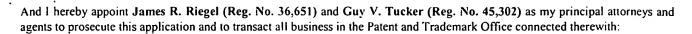


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SYSTEM, METHOD AN specification of which,	ND DAT	A STRUCTURE	FOR SIMULA	ATED INTERACTION	WITH GRAPHICAL C)BJECTS, the
(check one)	1.□	is attached here	to			
(check one)	1.	is attached here	io.			
	2. 🔀	was filed on			as	
				rial No. <u>09/675,</u>		
		and wa	as amended		·	
	3.	was filed on			as	
	ر			pplication Serial No.	us	
				l		
I hereby state that I have amended by any amendment			d the content	s of the above-identifie	ed specification, includ	ing the claims, as
I acknowledge the duty to 37, CFR §1.56.	o disclos	e information wh	nich is materia	l to the examination of	this application in acco	ordance with Title
I hereby claim foreign prinventors' certificate lists a filing date before that of	ed below f the app	and have also ide	ntified below	any foreign application	for patent or inventors'	certificate having
Prior Foreign Applicati	on(s)				Priority Bene	fits Claimed?
					Yes N	lo
(Appl. No.)		(Country)	(D	ate Filed- Day/Month/Yea	ar)	
I hereby claim the benefi	under 3	5 U.S.C. §119(e)	of any United	States provisional appli	ication(s) listed below:	
60/157,272		_Octo	ber 1, 1999			
(Application Serial No.)		(Filing	Date)			
I hereby claim the benefit as the subject matter of e provided by the first para defined in Title 37, Code national or PCT internation	ach of th graph of e of Fede	e claims of this a Title 35, United ral Regulations,	pplications is States Code, § 1.56 which	not disclosed in the prices 112, I acknowledge the	or United States applica ne duty to disclose mate	tion in the manner rial information as
Prior U.S. Application(s)					
(Application Serial No.)	<u>-</u>	— (Filing	g Date)	(Status - patented	d, pending, abandoned)	
(Application Serial No.)		_ _ (Filing	g Date)	(Status - patented	d, pending, abandoned)	



Send Correspondence To:

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Guy Tucker at telephone number (408) 467-1900

	, 4/16		
Typewritten Full Name of Sole or First Inventor:	Ron Carmel Ronald Cognel	Citizenship:	United States of America
Inventor's signature:	All	Date of Signatu	re: 4/16/2001
Residence: (City)	San Francisco	(State/Country)	California
Post Office Address:	723 Haight St.; Apt. 3; San Franc	eisco, CA 94117	
Typewritten Full Name of Second Inventor:	Hugo J.C. DesRosiers	Citizenship:	Canada
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Berkeley	(State/Country)	California
Post Office Address:	3100 College Ave.; Apt. 7; Berkeley, CA	94705	
Typewritten Full Name of Third Inventor:	Daniel Gomez	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Fremont	(State/Country)	California
Post Office Address:	32860 Falcon Dr.; Fremont, CA 94555		
Typewritten Full Name of Fourth Inventor:	James F. Kramer	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Redwood City	(State/Country)	California
Post Office Address:	141 Wellesly Crescent Circle: Ant 305: Re	edwood City CA 9	1062

Typewritten Full Name of			
Fifth Inventor:	Jerry Tian	Citizenship:	China
Inventor's signature:		Date of Signature:	
Residence: (City)	Sunnyvale	(State/Country)	California
Post Office Address:	240 Florence St.; #B; Sunnyvale, CA 9408	37	
Typewritten Full Name of			
Sixth Inventor:	Marc Tremblay	Citizenship:	Canada
Inventor's signature:		Date of Signature:	
Residence: (City)	Cambridge	(State/Country)	Massachusettes
Post Office Address:	68 Prospect St.; Cambridge, MA 02139		
Typewritten Full Name of			
Seventh Inventor:	Christopher J. Ullrich	Citizenship:	Canada
Inventor's signature:		Date of Signature:	
Residence: (City)	San Francisco	(State/Country)	California

2059 Market St.; #24; San Francisco, CA 94114

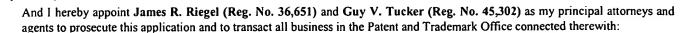
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specification of which	1,					
(check one)	1.	is attached hereto.	•			
	2.		eptember 29, 2000 cation Serial No nended		as	
	3. 🗌	was filed on		Serial No		
I hereby state that I amended by any amen			e contents of the ab	ove-identified spec	cification, inclu	iding the claims, as
I acknowledge the du 37, CFR §1.56.	ity to disclose	information which i	s material to the exa	amination of this a	pplication in ac	cordance with Title
I hereby claim foreig inventors' certificate a filing date before th	listed below a	nd have also identifi	ed below any foreigr			
Prior Foreign Appli	cation(s)				Priority Be	nefits Claimed?
					Yes	
(Appl. No.)		(Country)	(Date Filed- D	ay/Month/Year)		
I hereby claim the ber	nefit under 35	U.S.C. §119(e) of ar	ny United States prov	visional application	(s) listed below	r:
60/157,272 (Application Serial N	0.)	October 1 (Filing Dat				
I hereby claim the be as the subject matter provided by the first defined in Title 37, C national or PCT inter	of each of the paragraph of ' Code of Feder	claims of this applic Title 35, United State al Regulations, § 1.5	ations is not discloses Code, § 112, I ack	ed in the prior Unit knowledge the duty	ed States applied to disclose ma	cation in the manner terial information as
Prior U.S. Applicati	on(s)					
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Post Office Address: _	723 Haight St.; Apt. 3; San Franci	isco, CA 94117	
Typewritten Full Name of Second Inventor:	Hugo J.C. DesRosiers	Citizenship:	Canada
Inventor's signature:	Jugo Deforto	Date of Signatu	re: 2001/04/17
Residence: (City)	Berkeley	(State/Country)	California
Post Office Address: _	1405 Spruce, #C, Berkeley, CAS		
Typewritten Full Name of Third Inventor:	Daniel Gomez	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
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Post Office Address:	141 Wallacly Crescent Circle: Ant 305: Re	edwood City CA 9	4062

Typewritten Full Name of			
Fifth Inventor:	Jerry Tian	Citizenship:	China
Inventor's signature:	CoTon	Date of Signature:	415/00
Residence: (City)	Sunnyvale	(State/Country)	California
Post Office Address:	240 Florence St.; #B; Sunnyvale, C	A 94087	
Typewritten Full Name of Sixth Inventor:	Marc Tremblay	Citizenship:	Canada
Inventor's signature:		_ Date of Signature	
Residence: (City)	Cambridge	(State/Country)	Massachusettes
Post Office Address:	68 Prospect St.; Cambridge, MA 02	2139	
Typewritten Full Name of			
Seventh Inventor:	Christopher J. Ullrich	_ Citizenship:	Canada
Inventor's signature:		_ Date of Signature:_	
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	2.	was filed on Septer	nber 29, 2000		as	
	الحا ١٠٠		n Serial No.			
		and was amend				
	3.	was filed on			as	
		International Po	T Application S	erial No.		
		and was amend	ed on		·	
I hereby state that I hav amended by any amendm		ed and understand the co	ntents of the abo	ove-identified spe	ecification, incl	uding the claims, as
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inventors' certificate liste	d below	enefits under Title 35, U and have also identified b lication on which priority i	elow any foreign			
Prior Foreign Application	on(s)				Priority Be	nefits Claimed?
				· · · · · · · · · · · · · · · · · · ·	Yes	No
(Appl. No.)		(Country)	(Date Filed- Da	y/Month/Year)		
I hereby claim the benefit	under 3	5 U.S.C. §119(e) of any U	nited States provi	sional application	n(s) listed below	v:
60/157,272		October 1, 19	99			
(Application Serial No.)		(Filing Date)				
as the subject matter of exprovided by the first para	ach of the graph of of Fede	Fitle 35, United States Code claims of this application Title 35, United States Code Regulations, § 1.56 wing date of this application:	ns is not disclose ode, § 112, I ackr	d in the prior Unit nowledge the duty	ted States appli to disclose ma	cation in the manner sterial information as
Prior U.S. Application(s)					
(Application Serial No.)		(Filing Date)	(Statu	us - patented, pend	ding, abandone	<u>d)</u>
(Application Serial No.)						

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San Jose, California 95131

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Guy Tucker at telephone number (408) 467-1900

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Inventor's signature:		Date of Signatur	re:
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Inventor's signature:		Date of Signatur	re:
Residence: (City)	Berkeley	(State/Country)	California
Post Office Address:	3100 College Ave.; Apt. 7; Berkeley, CA	94705	
Typewritten Full Name of Third Inventor: Inventor's signature: Residence: (City) Post Office Address:	Daniel Gomez Jawiel John John John John John John John John		United States of America re: 4-17-01 California
Typewritten Full Name of Fourth Inventor: Inventor's signature: Residence: (City)	James F. Kramer Redwood City	Citizenship: Date of Signatur (State/Country)	United States of America re: 4 17 01 California
Post Office Address:	141 Wellesly Crescent Circle: Ant 305: Ro	edwood City CA 94	1062

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Post Office Address:	240 Florence St.; #B; Sunnyvale, CA 9408	37	
Typewritten Full Name of			
Sixth Inventor:	Marc Tremblay	Citizenship:	Canada
Inventor's signature:	hu 286	Date of Signature:	04/17/01
Residence: (City)	Cambridge	(State/Country)	Massachusettes
Post Office Address:	68 Prospect St.; Cambridge, MA 02139		
Typewritten Full Name of			
Seventh Inventor:	Christopher J. Ullrich	Citizenship:	Canada
Inventor's signature:		Date of Signature:	
Residence: (City)	San Francisco	(State/Country)	California

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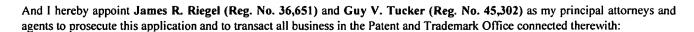
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(Application Serial	No.)	(Filing Date)				
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Prior U.S. Applica	tion(s)					
(Application Serial	No.)	(Filing Date)	(Sta	tus - patented, pend	ing, abandone	ed)
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Inventor's signature:		Date of Signatu	re:
Residence: (City)	Berkeley	(State/Country)	California
Post Office Address:	3100 College Ave.; Apt. 7; Berkeley, CA	94705	
Typewritten Full Name of			
Third Inventor:	Daniel Gomez	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Fremont	(State/Country)	California
Post Office Address:	32860 Falcon Dr.; Fremont, CA 94555	• • • • • • • • • • • • • • • • • • • •	
Typewritten Full Name of			
Fourth Inventor:	James F. Kramer	Citizenship:	United States of America
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Redwood City	(State/Country)	California
Post Office Address:	141 Wellesly Crescent Circle; Apt 305; Re	edwood City, CA 94	4062

Typewritten Full Name of Fifth Inventor:	Jerry Tian	Citizenship:	China
- I that inventor.	Jeffy Itali	Citizensinp	Cilina
Inventor's signature:		Date of Signature:_	
Residence: (City)	Sunnyvale	(State/Country)	California
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Post Office Address:	68 Prospect St.; Cambridge, MA 02139		
Typewritten Full Name of			
Seventh Inventor:	Christopher J. Ullrich	Citizenship:	Canada
Inventor's signature:	<u> </u>	Date of Signature:_	Apr. 17. 2001
Residence: (City)	San Francisco	(State/Country)	California

2059 Market St.; #24; San Francisco, CA 94114

Post Office Address: